

Lectotype Designation of *Carabus vanvolxemi* (Coleoptera, Carabidae)

Yûki IMURA

Shinohara-chô 1249–8, Kôhoku-ku, Yokohama, 222–0026 Japan

Abstract Lectotype of *Carabus vanvolxemi* PUTZEYS is designated in the collection of the Institut Royal des Sciences Naturelles de Belgique, Brussels.

Carabus vanvolxemi is a well-known carabid beetle endemic to north-central Honshu and the Island of Sado-ga-shima in Central Japan. This species was originally described by PUTZEYS (1875, p. 46) based on the males and females (number of examined specimens was not shown in the original description) without designation of the holotype specimen. Through the courtesy of Mr. Alain DRUMONT, I recently had an opportunity to examine all the syntype specimens of the same taxon now preserved in the entomological collection of the Institut Royal des Sciences Naturelles de Belgique. In this short article, I am going to designate the lectotype of *C. vanvolxemi* from PUTZEYS' syntypes.

I am grateful to Mr. Alain DRUMONT, a specialized research technician and collection manager of the Institut Royal des Sciences Naturelles de Belgique, Brussels, for kindly allowing me to examine PUTZEYS' syntypes. Hearty thanks are also due to Dr. Shun-Ichi UÉNO (National Science Museum, Tokyo) for reading the manuscript of this paper.

Carabus vanvolxemi PUTZEYS, 1875

[Japanese name: Hoso-akagané-osamushi]

(Figs. 1–2)

Carabus Van Volxemi PUTZEYS, 1875, Annls. Soc. ent. Belg., Bruxelles, **18**, p. 46; type locality: N. Nipon (=Nippon=Japan) dans la forêt entre Niko (=Nikkô [日光]) et le temple de Fiu-Sendji (=Chûzen-ji [中禪寺]), au bord du lac Takai (=Lake Chûzenji-ko [中禪寺湖], probably).

Totally seven (2♂♂, 5♀♀) syntype specimens are now preserved in the Institut Royal des Sciences Naturelles de Belgique. Of these, I propose to designate a male as the lectotype of *Carabus vanvolxemi* as follows.

Lectotype (present designation): ♂, 22.0 mm in length (including mandibles) // Type // Syntype // *Carabus / Van Volxemi* PUTZ / Type / dét. J. PUTZEYS // cf. PUTZEYS, 1845 / Ann. Soc. Ent. Belg. / p. XLVI // Det. J. v. VOLXEM / Ex-Typis // Coll. R. I. Sc. N. B. / Japon: N. Nip.

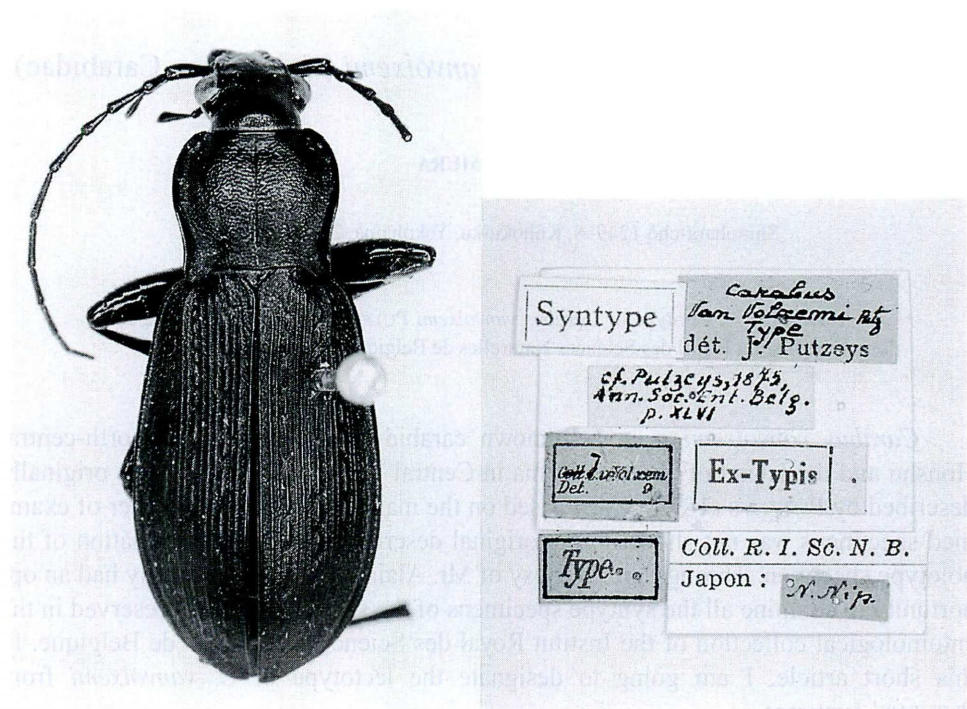


Fig. 1. Lectotype of *Carabus vanvolxemi* PUTZEYS and the attached labels, in coll. Institut Royal des Sciences Naturelles de Belgique.

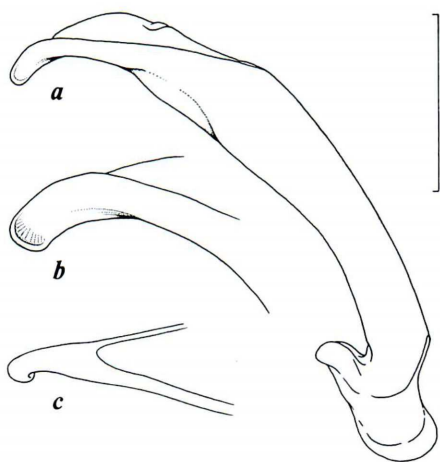


Fig. 2. Male genital organ of *Carabus vanvolxemi* (lectotype). — a, Aedeagus in right lateral view; b, apical part of aedeagus in the same view; c, ditto in dorsal view. Scale: 2 mm for a; 1 mm for b & c.

Paralectotypes (1♂, 5♀♀; 19.1–23.4 mm in length): 1♂, 3♀♀, same data as for the lectotype; 2♀♀, // Syntype // *Carabus Van Volxemi* PUTZ / Type / dét. J. PUTZEYS // cf. PUTZEYS, 1845 / Ann. Soc. Ent. Belg. / p. XLVI // Det. J. v. VOLXEM // Coll. R. I. Sc. N. B. / Japon: N. Nip.

要 約

井村有希：ホソアカガネオサムシの後基準標本指定。——ホソアカガネオサムシは、本州北東部と佐渡に分布する、よく知られた本邦特産種であるが、これまでその基準標本が調査されたことはなかった。筆者はさいきん、ベルギーの王立自然科学博物館に残されている本種の総基準標本を調べることができたので、そのうちの1♂を後基準標本に指定して、添付ラベルとともに写真で示し、あわせて同標本の♂交尾器所見も図示した。

Reference

PUTZEYS, J., 1875. Notice sur les Carabiques recueillis par M. Jean VAN VOLXEM à Ceylan, à Manille, en Chine et au Japon (1873–1874). *Annls. Soc. ent. Belg., Bruxelles*, **18**: 45–55.

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An Isolated New Subspecies of *Ohomopterus yamato* (Coleoptera, Carabidae) Discovered from the Southeastern Part of the Kii Peninsula

Yûki IMURA

Shinohara-chô 1249–8, Kôhoku-ku, Yokohama, 222–0026 Japan

Ohomopterus yamato is distributed from central Kinki to western Chûbu of west-central Honshu in Central Japan. The southern border of its distribution is roughly defined by the depression formed by the Ki-no-kawa and Miya-gawa Rivers, and a greater part of the Kii Peninsula has been left as a wide distributional blank. It is at the southeastern part of the peninsula that a new discovery of the species was unexpectedly made by Mr. Takaharu KITA in the autumn of 2003.

The population of *O. yamato* from this new locality seems to be most closely allied to subsp. *kinkimontanus* IMURA et MIZUSAWA, but is evidently different from that race in both external and male genitalic features. In this short article, I am going to describe it as a new and the